

PCM 放大器 SGA/A & SGA/D



产品型号:

SGA/A & SGA/D

负载单元模拟放大器

模型: SGA / A / SGA / d / d

主要特点:

对 $\pm 10V$, $\pm 5V$, $10V$, $5V$ 输出 $0-20mA$ 或。

$230 / 110VAC$ 还是 $18-24Vdc$ 供应。

IP65 ABS 领域的案例与电缆。

数据表: SGA 负载单元模拟放大器

手册: SGA 手册



传感器 | 控制仪表 | 推拉力计 | 扭力计

www.sensortop.cn

SGA 的放大器是一个灵活的解决方案，使用简单，成本效益高达 $4 \times 350\Omega$ 应变电桥的 10V 激发、调节

传感器的灵敏度 0.1 毫伏/V，用户可选的模拟输出 $\pm 10V$, $\pm 5V$, $0-10V$, $0-5V$, $0-20mA$, $4-20mA$,

同步电压和电流输出，230 / 110vac (SGA /) 或 18-24vdc (SGA / D) 电源直接连接到 PLC、

显示单元、工业仪表、记录仪或 P (A/D 卡)。

如需更详细的产品规格和完整的配件清单，请下载产品数据表。

PARAMETER	MINIMUM	TYPICAL	MAXIMUM	UNITS
SGA/A Power Supply (110/230VAC) 50 - 60Hz	99/198	110/230	126/253	VAC
SGA/D Power Supply	18	-	24*	VDC
Power Supply IS12/24 (ISOLATED)	9	-	36	VDC
Power Supply Current DC (DEPENDS ON LOADING)	50	90	200	mA
Bridge Excitation (3500 STRAIN GAUGE)	9.5	10	10.5	V
Bridge Resistance	85	-	-	Ω
Bridge Sensitivity (SWITCHABLE)	0.06	-	30	mV/V
Gain Adjustment (POT - FINE ADJ.)	0.06	-	1.0**	mV/V
Offset Adjustment (POT - FINE ADJ.)	-1.25	-	+1.25	%FR***
Offset Adjustment (SWITCHABLE - COARSE ADJ.)	± 1.25	-	± 79	%FR
Output Load (VOLTAGE OUTPUT)	-	-	2	mA
Output Load (CURRENT OUTPUT)	0	-	500	Ω
Bandwidth (NO FILTER & $> 2mV/V$) 3dB POINT	DC	-	6	kHz
Filter Cut Off (SWITCHABLE RANGES) 3dB POINT	1	-	5000	Hz
Zero Temperature Coefficient	-	0.002	0.009	%FR/ $^{\circ}C$ at 2.5mV/V
Span Temperature Coefficient	-	0.007	0.01	%FR/ $^{\circ}C$
Linearity	-	0.03	-	%FR
Gain Stability (1st 1000 HOURS)	-	0.2	-	%FR
Gain Stability (2nd 1000 HOURS)	-	0.1	-	%FR
90 Day Offset Stability	-	3.3	-	μV
Output Load Stability Gain (0 - 100%)	-	-	0.01	%FR
Output Load Stability Offset (0 - 100%)	-	-	0.01	%FR
Power Supply Rejection Gain (0 - 100%)	-	-	0.01	%FR
Power Supply Rejection Offset (0 - 100%)	-	-	0.01	%FR
Operating Temperature Range	-10	-	50	$^{\circ}C$
Storage Temperature Range	-20	-	70	$^{\circ}C$
Humidity	-	-	95	%

*18V max at full load. ** Depends on sensitivity settings. ***FR= Full Range

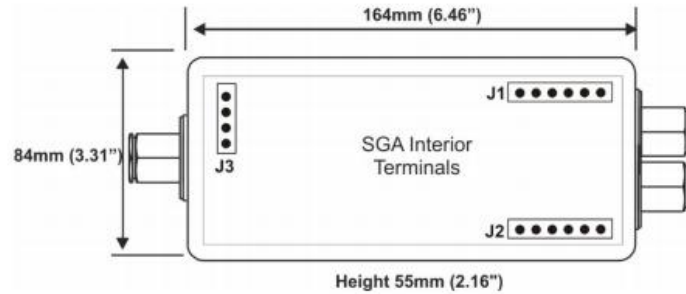


STP
诗拓浦

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Outline Dimensions (in millimetres)



Connection Details

